

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000069

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: E21B 10/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI IPC E21B 10/62 and Keywords (dowel, replace, attachment, detach, engagement, fastening) and like terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6260636 B (COOLEY et al) 17 July 2001 Claims 1 - 68, fig. 1 - 29	1 - 14
X	GB 2294715 A (BAKER HUGHES INC.) 8 May 1996 Claims 1 - 22, and fig. 1 20	1 - 14
A	DE 3916505 C (RADTKE) 23 August 1990 Whole document	1 - 14
A	FR 2609750 A (VENNIN) 22 July 1988 Whole document	1 - 14

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
13 February 2004

Date of mailing of the international search report 20 FEB 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 2003/068438 A (BETEK BERGBAU-UND HARTMETALLTECHNIK KARL - HEINZ SIMON GMBH & CO. KG) 21 August 2003 Whole document	1 - 14
A	US 4782903 A (STRANGE) 8 November 1988 Whole document	1 - 14
A	FR 2517736 A (FRIED KRUPP GMBH) 10 June 1983 Whole document	1 - 14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000069

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	6260636	EP	1163420	WO	0043628
GB	2294715	BE	1010105	BE	1012193
		GB	2301386	US	5361859
				GB	2275067
				US	5560440
DE	3916505				
FR	2609750				
WO	03068438				
US	4782903				
FR	2517736	DE	3148040		
END OF ANNEX					